



186V
BUCKET NO.: CELL-0317/PA558-USW01
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Timothy John Norman

Confirmation No.: 3724

Application No.: 10/583,642

Group Art Unit: Not Yet Assigned

Filing Date: June 20, 2006

Examiner: Not Yet Assigned

For: BRANCHED MOLECULAR SCAFFOLDS FOR LINKING POLYMER
RESIDUES TO BIOLOGICALLY ACTIVE MOIETIES

DATE OF DEPOSIT: February 22, 2007

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).



In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers **24 - 63** listed on the attached Form PTO-1449 are enclosed herewith.

- ☒ Copies of reference numbers **1 - 23** on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

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PATENT

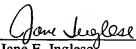
- 3 -

- ☐ The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: February 22, 2007



Jane E. Ingles
Registration No. 48,444

WOODCOCK WASHBURN LLP
Cira Centre
2929 Arch Street, 12th Floor
Philadelphia, PA 19104-2891
Telephone: (215) 568-3100
Facsimile: (215) 568-3439



Form PTO-1449 Mounted List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CELL-0317/ PA558-USw01	Application No. 10/583,642
	Applicant Timothy John Norman	
	Filing Date June 20, 2006	Group Not Yet Assigned
	Confirmation No. 3724	

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	1	4,946,778	08/07/90	Ladner, et al.	435	69.6
	2	5,219,996	06/15/93	Bodner, et al.	530	387.3
	3	5,223,409	06/29/93	Ladner, et al.	435	69.7
	4	5,403,484	04/04/95	Ladner, et al.	435	235.1
	5	5,427,908	06/27/95	Dower, et al.	435	5
	6	5,516,637	05/14/96	Huang, et al.	435	6
	7	5,571,698	11/05/96	Ladner, et al.	435	69.7
	8	5,580,717	12/03/96	Dower, et al.	435	5
	9	5,585,089	12/17/96	Queen, et al.	424	133.1
	10	5,658,727	08/19/97	Barbas, et al.	435	6
	11	5,677,425	10/14/97	Bodmer, et al.	530	387.1
	12	5,698,426	12/15/97	Huse	435	172.3
	13	5,733,743	03/31/98	Johnson, et al.	435	69.1
	14	5,750,753	05/12/98	Kimae, et al.	556	440
	15	5,780,225	07/14/98	Wigler, et al.	435	6
	16	5,821,047	10/13/98	Garrard, et al.	435	5
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	18	5,969,108	10/19/99	McCafferty, et al.	530	387.3
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	20	6,362,254 B2	03/26/02	Harris, et al.	523	406

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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CELL-0317/ PA558-USw01	Application No. 10/583,642
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U. S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Subclass
	21 2002/009426 A1	01/24/02	Greenwald, et al.	424	78.18
	22 2003/021790 A1	01/30/03	Hsei, et al.	424	178.1
	23 2004/225097 A1	11/11/04	Nho, et al.	526	333

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				Confirmation No. 3724			
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
	24	WO 90/02809 A1	03/22/90	PCT			
	25	WO 91/10737 A1	07/25/91	PCT			
	26	WO 92/01047 A1	01/23/92	PCT			
	27	WO 92/02551 A1	02/20/92	PCT			
	28	WO 92/18619 A1	10/29/92	PCT			
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	37	WO2005/003169 A3	01/13/05	PCT			
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	39	WO2005/002871 A1	01/13/05	PCT			
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		Confirmation No. 3724	
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	46	Ames, R.S., et al., "Conversion of murine Fabs isolated from a combinatorial phage display library to full length immunoglobulins," J. Immunol. Methods, 1995, 184, 177-186	
	47	Badcock, J., et al., "A novel strategy for generating monoclonal antibodies from single, isolated lymphocytes producing antibodies of defined specificities," Proc. Natl. Acad. Sci. USA, 1996, 93, 7843-7848	
	48	Brinkman, U., et al., "Phage display of disulfide-stabilized Fv fragments," J. Immunol. Methods, 1995, 182, 41-50	
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	50	Chapman, A.P., et al., "Therapeutic antibody fragments with prolonged in vivo half-lives," Nature Biotechnology, 1999, 17(8), 780-783	
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	52	Cole, et al., "The EBV-hybridoma technique and its application to human lung cancer," Monoclonal Antibodies and Cancer Therapy, Alan R. Liss, Inc., 1985, 77-96	
	53	Greenwald, R.B., et al., "Highly water soluble taxol derivatives: 7-polyethylene glycol carbamates and carbonates," J. Org. Chem., 1995, 60, 331-336	
	54	Hurwitz, E., et al., "Inhibition of tumor growth by poly(ethylene glycol) derivatives of anti-ErbB2 antibodies," Cancer Immunology & Immunotherapy, 2000, 49(4-5), 226-234	
	55	Kettleborough, C.A., et al., "Isolation of tumor cell-specific single-chain Fv from immunized mice using phage-antibody libraries and the re-construction of whole antibodies from these antibody fragments," Eur. J. Immunol., 1994, 24, 952-958	
	56	Köhler, G., et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," Nature, 1975, 256, 495-497	
	57	Kozbor, D., et al., "the production of monoclonal antibodies from human lymphocytes," Immunology Today, 1983, 4, 72-79	
	58	Mantovani, G., et al., "Design and synthesis of N-maleimido-functionalized hydrophilic polymers via copper mediated living radical polymerization: a suitable alternative to PEGylation chemistry," J. Am. Chem. Soc., 127(9), 2966-2973 2005	
	59	Milstein, C., et al., "Hybrid hybridomas and their use in immunohistochemistry," Nature, 1983, 305, 537-539	

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